

HUNGARY / Physical Chemistry. Kinetics. Combustion. В Explosions. Topochemistry. Catalysis.

: Ref Zhur - Khimiya, No 12, 1959, No. 41677 Abs Jour

Csuros, Zoltan; Petro, Jozsef; Voros, Judit Author

A Catalyst Study. XXII. Nickel Sponge Catalyst Study. I. Variation of Raney Nickel Catalyst Effectiveness in Hydro-Not given Inst Title

genation with the Temperature and Time

of Leaching.

: Magyar tud. akad. Kem. tud. oszt. Orig Pub

kozl., 1958, 9, No 4, 433-448

The properties of raney nickel catalysts Abstract

(C) as a function of the conditions of

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HUNGARY / Physical Chemistry. Kinetics. Combustion. Explosions. Topochemistry. Catalysis.

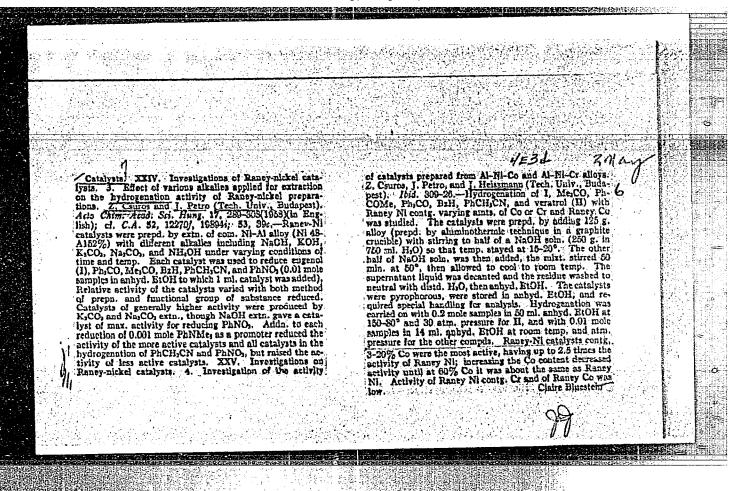
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Abs Jour : Ref Zhur - Khimiya, No 12, 1959, No. 41677

their preparation were studied. It was shown that in relation to the hydrogenation reactions, the activity of C strongly depends on the temperature and time of leaching, as well as on the addition of alkalis or PtCl<sub>h</sub>. The less active the C, the greater its activity change caused by additives. Articla XXI. See R. Zh. Khim, 1959, No 11, 37927. -- S. Rozenfel'd

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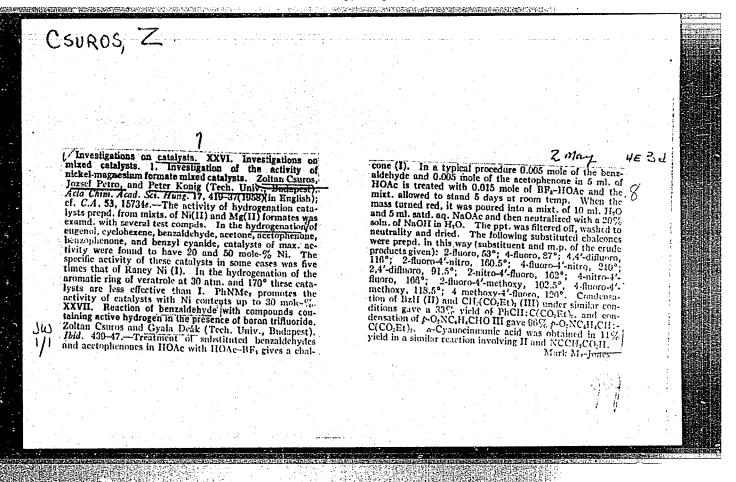
CSUROS, Z.; PETRO, J.; HEISZMANN, J.

Examinations by catalysts, XXV. Investigations by Raney-nickel catalysts. IV. Investigations into the efficacy of the catalysts made of Al-Ni-Co and Al-Ni-Cr alloys. p. 205.

Magyar Tudomanyos Akademia. Kemiai Tudomanyok Osztalya. KOZLEMENYEI. Budapest, Hungary, Vol. 10, No. 2, 1958.

plso; acta Chimica, Vol. 17 No. 3, 1958 p. 309

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 7, July 1959 UNCL



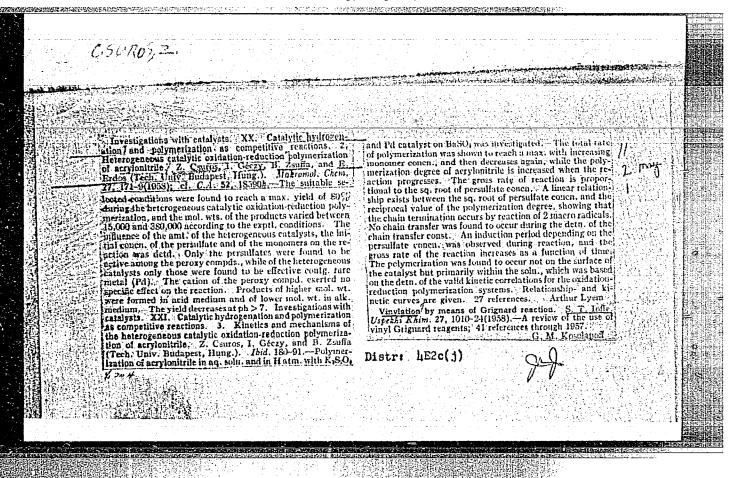
CSUROS, Z.; DEAK, GY.

Examinations by catalysts. XXVII. Reaction of benzaldehyde with compounds containing active hydrogen in the presence of boron trifluoride. Examinations XXVIII. Catalyzed anomerization of pentaacetylene-D-glucose with boron trifluoride. I. Anomerization in acetic acid and acetic anhydride. (To be contd) p. 347.

Magyar Tudomanyos Akademia. Kemiai Tudomanyok Osztalya. KOZLEMENYEI. Budapest, Hungary, Vol. 10, No. 3, 1958.

acta Chimi. Acad. Scient hung - Vol. 17 no 4 1958
p. 439-447

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 7, July 1959 UNCL



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: High Molabular Chemistry

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: Ref. Zhur. - Knim., No. 10, 1959, 37410.

Author

: Cauros Z., Geary I., Groszmann M., Bolegel V.

Institut.

: Lot alved.

Title

: Wheologic Analysis of Macromolecular Sub-Stances. III. Viscosimetric Determination

of Polyethylena.

Orig Pub.

: Maguar kam, folyotrat,1958, 64, No. 5, 166-

157.

Abstract

The viscosity of unfractionated polyethylane of a known molecular weight et 85 and 1400 in paraffin oil was measured. The rellowing dependancies between the molecular weight M and the characteristic vilocally were obtained: at 850 [m] = 2.398.10 4 0.5103, at 1400 [m] = 2.756.10 x 10 7 M0.5103. For Report II, see RZhKhim., 1958, 10562. -- Authors

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### APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R0005094

HUNGARY/Chemical Technology. Chemical Products and Their Applications. Synthetic Polymers and Plastics.

Abs Jour: Ref Zhur-Khim., No 8, 1959, 29516.

: Csucroes, Z., Grosznam, M., and Zsuffa, D.

Inst

Title

Investigation of the Perchlorination of Polyvinyl-

chloride.

Oric Pub: Magyar Chem Folyoiriat, 64, No 5, 168-169 (1958)

(in Hungarian with German surmary)

Abstract: Investigation of the perchlorination of IVC in various solvents at their boiling point has shown that the rate of the reaction is faster in highboiling solvents than in low-boiling solvents. However, the utilization of solvents of the tetra-

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CSUROS, Z.

"Decomposition of anhydro ring of triacetyllevoglucoasan by means of titanium tetrachloride." In German, p. 25

PERIODICA POLYTECHNICA. (Budapesti Muszaki Egyetem) Budapest, Hungary, Vol. 3, No. 1, 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 6, June 1959 Uncl.

Csuros, Z.; Groszmann, M.; Bertaian, Gy.

Rheologic investigations of macromolecular substances. V. Determination of the secondary transformation point by means of the Hoppler consistometer. In German. p.113

PERIODICA POLYTECHNICA. CHEMICAL ENGINEERING. (Budapesti Muszaki Egyetem) Budapest, Hungary. Vol.3, no.2, 1959

Monthly List of East European Accessions. (EEAI) LC, Vol.8, no.11 November 1959 Uncl.

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CSUROS, Zoltan, prof., dr. (Budapest); GARA, Miklos (Budapest);

Bertalan, Gyorgy (Budapest)

Rheologic investigations of macromolecular substances. VI.
Investigations of the distribution of the inner tensions on hard
PVC blocks. Periodica polytechn chem 3 no.4:255-265 '59.

(ERAI 9:6)

1. Institut fur Organisch-Chemische Technologie der
Technischen Universitat, Budapest.

(Macromolecular compounds)

(Chloroethylene)

(Polymers and polymerization)
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CSUROS, Zoltan (Budapest); DRAK, Cyula, a kemiaia tudomanyok kandidatuse (Budapest); FERICHEL, Laezlo (Budapest)

Investigation of complexes of titanium tetrachloride. Kem.tud.kozl.
MTA 12 no.3:323-332 '59. (EEAI 9:4)

1. Budapesti Muszaki Reyetem Szorves Kemiai Technologiai Intezete.
2. r.teg, Magyar Tudomanyes Akademia (for Csuros).
(Titanium chlorides) (Complex compounds)

GSUROS, Zoltan; DRAK, Gyula; HARASZTHYNE PAPP, Melinda (Budapest)

Reaction of glucosans with titanium tetrachloride. Kem.tud.kozl.MTA
12 no.3:333-342 \*59.

1. Budapesti Masaki Egyetem Serves Kemiaia Technologiai Intesete.
2. r.tag, Magyar Tudomanyar Akademia (for Csuros).

(Titanium chlorides) (Glucosans)

CSUROS, Zoltan (Budapest); DEAK, Cyula, a kemiai tudomanyok kandidatusa (Budapest); HARASZTHYNE PAPP, Melinda (Budapest)

Reaction kinetics and mechanics of triacetylene levoglucosan and titanium tetrachloride. Kem. tud. kozl. MTA 12 no. 4:431-440 159. (ERAI 9:4)

- 1. Budapesti Mussaki Egyetem, Szerves Kemiai Technologiai Interet.
- 2. R. tag. Magyar Tudomanyos Akademia (for Cauros).
  (Triacetyllevoglucosan) (Titanium chlorides)

CSUROS, Z.

An account of the research work on plastic materials at the Chair of Organic Chemical Technology at the Budapest University of Technical Sciences. p. 58.

MAGYAR KEMIKUSOK LAPJA. (Magyar Kemikusok Egyesulete) Budapest, Hungary Vol. 14, no. 2/3, Feb./Mar. 1959.

Monthly list of East European Accessions (EEAI), IC, Vol. 8, No. 8, August 1959. Uncla.

CSUROS, Z.

Rheologic investigations of micromolecular substances. IV. Rheologic investigations of PVC pastes. II. Effect on temperature on polyvinylchloride (PVC) pastes. p.65

ACTA CHIMICA. Budapest, Hungary. Vol. 19, no. 1, 1959

Monthly List of East European Accessions (EEAI), IC. Vol. 8, No. 9, September 1959 Uncl.

CSUROS, Z.; DEAK, GY.

Investigation of catalysts, XXVIII. Anomerization of pentaacetyl-d-glucose catalyzed by boron trifluoride, I. Anomerization in acetic acid and in acetic anhydride. p.165

ACTA CHIMICA. Budapest, Hungary. Vol. 19, no. 2/3, 1959

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959 Uncl.

CSUROS, Z.: DEAK, GY.; VARSANYI, GY.

Investigations of catalysts, XXIX. Anomerization of pentaacetyl-d-glucose catalyzed by boron trifluoride, II. Anomerization in chloroform. p. 181

ACTA CHIMICA. Budapest, Hungary. Vol. 19, no. 2/3, 1959

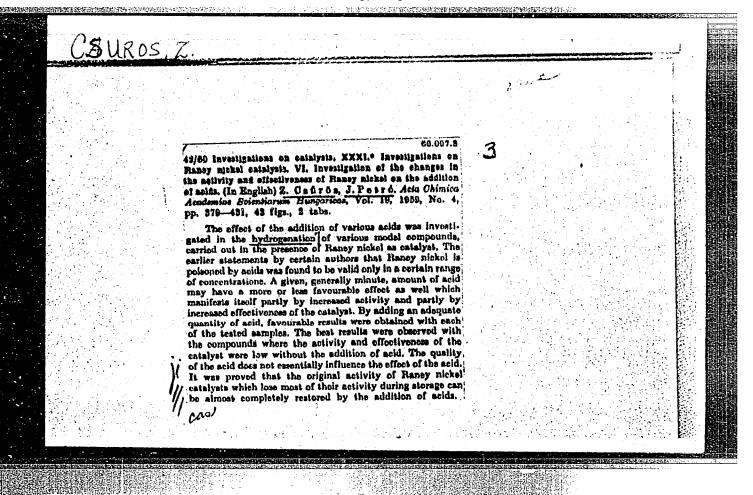
Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959 Uncl.

CSUROS, Z.; PETRO, J.

Investigations of catalysts. XXX. Investigations with neckel catalysts on carrier. II. Possibilities of increasing the activity and the effectiveness of nickel-magnesium oxide catalysts prepared from formates. p.221

ACTA CHIMICAL Budapest, Hungary. Vol. 19, no/ 2/3, 1959

Monthly List of East European Accessions (EZAI), LC. Vol. 8, No. 9, September 1959 Uncl.



CSUROS, Z.; PETRO, J.

Investigations on catalysts XXII. Investigations on Raney-nickel catalysts. VII. Investigations of the action of nickel, copper, and manganese salts on the hydrogenation activity and effectiveness of Raney nickel. In English. p. 129.

ACTA CHIMICA. (Magyar Tudomanyos Akademia) Budapest, Hungary. Vol. 20 No. 2, 1959

Monthly Lists of East European Accessions, (EEAI) LC, Vol. 9, No. 1, 1960 Uncl

/ Investigation of fittanium tetrachloride complexes. Zoltin Cauco, Guab Dekk, and Lásab Penichel (Inst. Org. Churchin Tech. Investigation of the Cauco, Guab Dekk, and Lásab Penichel (Inst. Org. Churchin Tech. Inv., Budipesse). Acid. Acid. Sol. Morg. 21, 169-80(1089). Benglish).—Complexes of various coupras were peopl. from if Tolk, and acided under state of various coupras were peopl. from if Tolk, and acided under state of the consequence (II), pentabenzoylephcose (III), trateopherosphecose (III), actacochinorophecosa (III), trateophecose (III), pentabenzoylephcose (III). Pentabenzoylephcose (III), pentabe

CSUROS, Zoltan, Prof.Dr. (Budapest); DEAK, Gyula (Budapest); HARASZTHY (PAFF), Melinda (Budapest)

Beaction of glucosanes with titanium tetrachloride. In English, Acta chimica Hung. 21 no.2:181-192 '59. (ERAI 9:4)

1. Institute of Organic Chemical Technology, Technical University, Budapest. (Clucosans) (Titanium chlorides)

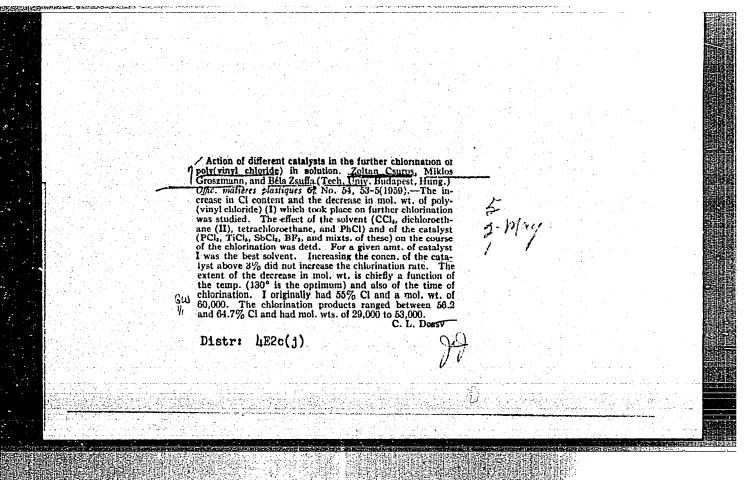
CSUROS, Zoltan, Prof.Dr. (Budapest); DEAK, Gyula (Budapest); HARASZTHY (PAPP), Melinda (Budapest)

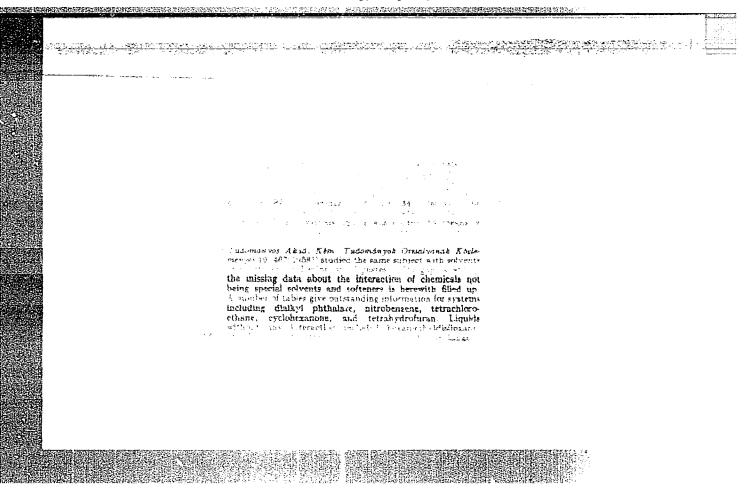
Kinetics and mechanism of the reaction of triacetyl levoglucoseane with titanium tetrachloride. In English. Acta chimica Hung. 21 no.2:193-203 \*59. (EEAI 9:4)

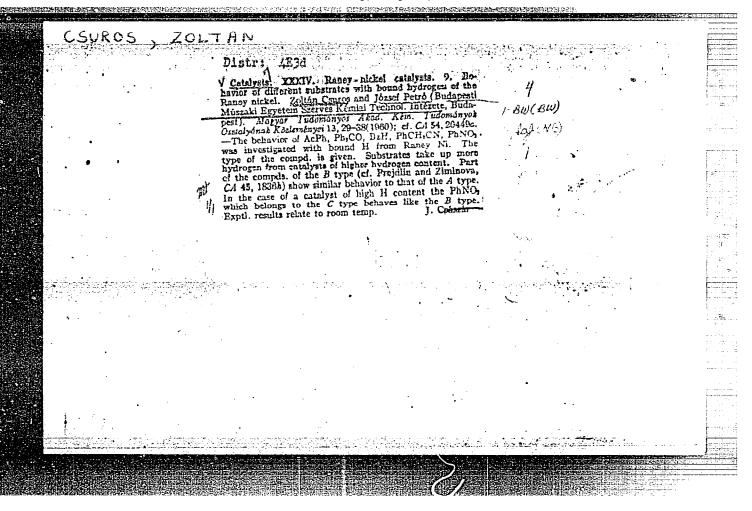
1. Institute of Organic Chemical Technology, Technical University, Budapest.

(Triacetylevoglucosan) (Titanium chlorides)

# The 1958 book and periodical publishing work of the Hungarian Academy of Sciences. Nagy.tud. 66 no.12:657-659 D '59. (EEAI 9:4) 1. Titkar, Kenyy- es Folyoiratkiado Bizottsag, Magyar Tudomanyos Akademia, Budapest. (Hungarian Academy of Sciences) (Hungary-Publishers and publishing)







CSUROS, Zoltan, akademikus (Budapest); GARA, Miklos, a kemiai tudomanyok kandidatusa (Budapest); BERTALAN, Gyorgy (Budapest); JUHASZ, Kalman (Budapest)

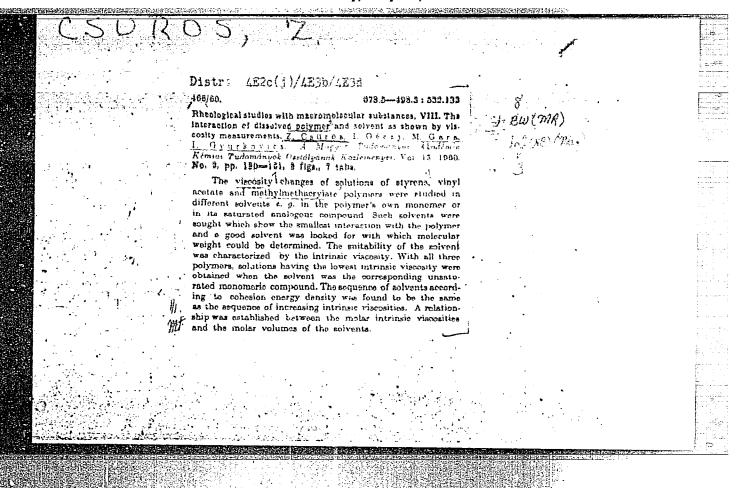
Rheologic investigation of macromolecular substances. VI. Investigation of the distribution of the inner pressure in a block of hard PVC.

Kem tud kozl MTA 13 no.2:129-138 '60. (EEAI 9:8)

Muszaki Egyetem, Szerves Kemiai Technologiai Intezet, Budapest.
 (Macromolecular compounds)
 (Chloroethylene)
 (Polymers and polymerization)

# "APPROVED FOR RELEASE: Thursday, July 27, 2000

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CSUROS, Zoltan, dr., prof.; PETRO, Jozsef.; HEISZMANN, Jozsef

Investigations on catalysts, XXXIII. Investigations on Raney nickel catalysts. VIII. Investigation of the effect of cobalt salts on the activity and effectiveness of Raney nickels. Acta chimica Hung 22 no.l: 73-85 °60. (EEAI 9:9)

CSUROS, Zoltan; GARA, Miklos; BERTALAN, Gyorgy

Rheological examination of macromolecular substances. V. Determination of a second-degree transformation point by the Hoppler's consistometer. Magy kem folyoir 66 no.5:174-178 My '60.

1. Budapesti Muszaki Egyetem Szerves Kemiai Technologiai Tanszeke.

CSUROS, Zoltan, dr. prof.: PETRO, Jozsef

Investigations on catalysts. XXXIV. Investigations on Raney nickel catalysts. IX. Investigation of the behavior of various substrates with the bound hydrogen of Raney nickel. Acta chimica Hung 22 no.1: 87-98 \*60. (ERAI 9:9)

1. Institute of Organic Chemical Technology, Technical University, Budapest.

(Catalysts) (Nickel) (Hydrogen)

CSUROS, Z., prof. (Budapest XI., Muegyetem rakpart 3.); GARA, M. (Budapest XI., Muegyetem rakpart 3.); GYURKOVICS, I. (Budapest XI., Muegyetem rakpart 3.); GECZY, I. (Budapest IX., Szamuely utca 30-32.)

Investigation of the interaction between dissolved polymers and solvents by means of viscosimetry. Periodica polytechn chem 5 no.2:101-121 '61.

1. Lehrstuhl für Organisch-Chemische Technologie, Technische Universitat, Budapest. (for Csuros, Gara, Gyurkovics). 2. Vegyimuveket Tervezo Vallalat, Budapest. (for Geczy).

CSUROS, Z., prof. (Endapest XI., Musgystem rakpart 3.); MORGOS, J. (Budapest XI., Musgystem rakpart 3.); GECZY, I. (Budapest XI., Szamuelly utca 30-32.)

Investigation of correlation between the inhibitor effect and chemical constitution. Periodica polytechn chem 5 no.2:123-137 '61.

1. Lehrstuhl fur Organisch-Chemische Technologie, Technische Universitat, Budapest. (for Csuros, Morgos, Losonczi) 2. Vegyimuveket Tervezo Vallalat, Budapest. (for Geczy).

CSUROS, Z., prof. (Budapost XI., Musgyetem rakpart 3); DEAK, Gy. (Budapost XI., Musgyetem rakpart 3); GOSZTONYI, T. (Budapost XI., Musgyetem rakpart 3); KELEMEN, O. (Budapost XI., Musgyetem rakpart 3)

Kinetics of alkali decemposition of phenyl- /3 -D-glucosidetetraacetate and its phenyl substituting derivatives. Periodica polytechm chem 5 no.3:197-207 '61.

1. Lehrstuhl für Organisch-Chemische Technologie der Technischen Universitat.

CSUROS, Zoltan, r.tag (Budapest); GARA, Miklos, a kemiai tudomanyok kandidatusa(Budapest); BERTALAN, Gyorgy(Budapest)

Effect of temperature on PVC-liquid systems. Kem tud kozl MTA 15 no.2:135-156 '61.

1. Muszaki Egyetem, Szerves Kemiai Technologiai Tanszek, Budapest.

(Temperature) (Chloroethylene)
(Polymers and polymerization) (Liquids)
(Systems(Chemistry))

CSUROS, Zoltan, akademikus, Kossuth-dijas egyetemi tanar

Chemistry; the past one and a half decades in retrospect. Elet tud
16 no.49:1558 3 D '61.

1. "Elet es Tudomany" szerkeszto bizottsaganak elnoke.

8/081/62/000/017/101/102 B177/B186

AUTHORS:

Csuros, Z., Gara, M., Gyurkovics, I.

TITLE:

Copolymerization of allyl alcohol and acryl nitrile under

the effect of a redox system

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 17, 1962, 613, abstract 17R40 (Acta chim. Acad. scient. hung., v. 29, no. 2, 1961,

207 - 225 [Eng.; summaries in Ger. and Russ.])

TEXT: The authors investigate the copolymerization of allyl alcohol (I) and acryl nitrile (II) in the presence of an initiator consisting of  $K_2S_2O_8$  and ascorbic acid (1:1) (0.0125 mole/1) in an aqueous medium

(200, 12 hours). From an initial mixture containing 0.5 - 0.91 molar fraction of I, the yield of copolymer is 98 - 16%, and the proportion of I in the copolymer is 24.95 - 44.4 mole % respectively. Copolymers containing 35.4 mole % of I are powders soluble in dimethyl formamide. When the proportion of I in the copolymer is increased, resinous products soluble in acetone are formed. Variation of the proportion of I in the copolymer from 33.4 to 44.4 mole % is accompanied by a fall of the Card 1/2

S/081/62/000/017/101/102

Copolymerization of allyl alcohol and ... B177/B186

softening point from 160 to 58°. The molecular weight of the copolymer (1962 - 2700) decreases with increasing polymerization time. The factor not the copolymer rises with increasing concentration of monomers in the mixture, and, does not depend on the concentration of initiator. The relative activity of radicals r<sub>1</sub>II = 1.99 ± 0.5 and r<sub>2</sub>I = 0.05 ± 0.02.

The polymerization rate is reduced with increasing I in the initial mixture above 0.5 molar fraction, and reaches its maximum at a monomer concentration of 3.04 mole/l. In the range of concentrations of initiator (3.5 - 15.0 · 10<sup>-3</sup> mole/l.), the polymerization rate is directly proportional to the concentration of K<sub>2</sub>S<sub>2</sub>O<sub>8</sub>, and does not depend on the concentration of ascorbic acid. [Abstracter's note: Complete translation.]

### CSUROS, Zoltan, prof., dr.; DEAK, Gyula; HARASZTHY-PAPP, Melinda [Mrs]

Reaction of levoglucosan esters with hydrogen bromide and with acid bromides in glacial acetic acid. Acta chimica Hung 29 no.2:227-235 161.

1. Institute for Organic Chemical Technology, Technical University, Budapest. 2. Editor, "Acta Chimica Academiae Scientiarum Humgaricae" (for Csuros).

(Levoglucosan) (Esters) (Bromides) (Acetic acid)

### CSUROS, Zoltan, prof., dr.; PETRO, Jozsef

Investigations on catalysts. XXXVI. Investigations on Raney nickel catalysts. X. Studies on the behavior of Raney nickel catalyst in hydrogenation processes, as a function of its hydrogen content. Acta chimica Hung 29 no.3:321-349 161.

1. Institute of Organic Chemical Technology, Technical University, Budapest.

(Catalysts) (Nickel) (Hydrogenation)

### CSUROS, Zoltan, prof., dr.; PETRO, Jozsef; HOLLY, Sandor

Investigations on catalysts, XXXVII, Investigations on Raney nickel catalysts, XI. Interaction of Raney nickel and substrate in hydrogenation reactions. Acta chimica Hung 29 no.3:351-371 '61.

1. Institute of Organic Chemical Technology, Technical University, Budapest.

(Catalysts) (Nickel) (Hydrogenation)

CSUROS, Zoltan, prof., dr.; PETRO, Jozsef; HOLLY, Sandor

Investigations on catalysts. XXXVIII. Investigations of Raney nickel catalysts. XII. Effect of additives on hydrogen sorbed by Raney nickel. Acta chimica Hung 29 no.4:419-445 161.

1. Institute of Organic Chemical Technology, Technical University, Budapest. 2. Editor, "Acta Chimica Academiae Scientiarum Hungaricae" (for Csuros).

TORO, Imre, dr., Kossuth-dijas akademikus; BOGNAR, Geza, dr., Kossuth-dijas akademikus; KARDOS, Laszlo, dr., Kossuth-dijas akademikus; CSUROS, Zoltan, Kossuth-dijas akademikus; MOD, Aladar, egystemitanar; NAGY, Laszlo, dr., kandidatus

Appeal! Term tud kozl 6 no.10:457 0 162.

1. Tudomanyos Ismeretterjeszto Tarsulat elnoke (for Toro).
2. Tudomanyos Ismeretterjeszto Tarsulat elnokehelyettese (for Bognar, Kardos, Csuros, and Mod). 3. Tudomanyos Ismeretterjeszto Tarsulat fotitkara (for Nagy).

CSUROS, Zoltan, prof., dr. (Budapest XI., Muegyetem); DUSZA, Zsigmond (Budapest XI., Muegyetem); PETRO, Jozsef (Budapest XI., Muegyetem)

Investigations on catalysts.XXXIX. Investigations on Raney-nickel catalysts.XIV.Correlations between the hydrogen content, sorption power and activity of Raney-nickel catalyst. Acta chimica Hung 30 no.4:461-471 '62.

- 1. Institute of Organic Chemical Technology, Technical University.
- 2. Editor, "Acta Chimica" (for Csuros).

### CSUROS, Zoltan, prof., dr. (Budapest)

"The carbohydrates" by S.F.Dyke. Reviewed by Zoltan Csuros. Acta chimica Hung 30 no.41478 '62.

1. Institute of Organic Chemical Technology, Technical University, Budapest, and Editor, "Acta Chimica."

CSUROS, Zoltan, prof., dr. (Budapest, XI., Muegyetem); DEAK, Gyula (Budapest, XI., Muegyetem); SZOLNOKI, Jozsef (Budapest, XI., Muegyetem)

Condensation of bensaldehyde and benzyl cyanide catalyzed by ion exchange resins. Acta chimica Hung 33 no.3:341-342 '62.

1. Institute of Organic Chemical Technology, Technical University, Budapest. 2. Editor, "Acta Chimica Academiae Scientiarum."
Hungaricae" (for Csuros).

### CSUROS Z

\*High-molecular organic compounds; caoutchouc and cellulose\* by H. Staudinger. Reviewed by Z. Csuros. Periodica polytechn chem 6 no.4:262-263 163.

1. Hauptschriftleiter, \*Periodica Polytechnica Chemical Engineering.\*

### CSUROS, Zoltan, akademikus; HEIDT, Janos

An account of the Leipzig Congress dealing with the chemistry and technology of macromolecules. Rem tud keel MTA 20 no.4: 469-471 163.

- 1. Muszaki Egyetem Szerves Kemiai Technologiai Tanszeke, Budapestes a Magyur Tudomanyos Akademia Kozponti Kemiai Kutato Intezete, Budapest.
- 2. "A Magyar Tudomanyos Akademia Kemiai Tudomanyok Osztalyanak Kozlemeyei" szerkeszto bizottsagi tagja.

### CSUROS, Zoltan

"Short textbook of biochemistry for medicine and natural science students" by P. Karlson. Reviewed by Zoltan Csuros. Acta chimica Hung 38 no.2:169 '63.

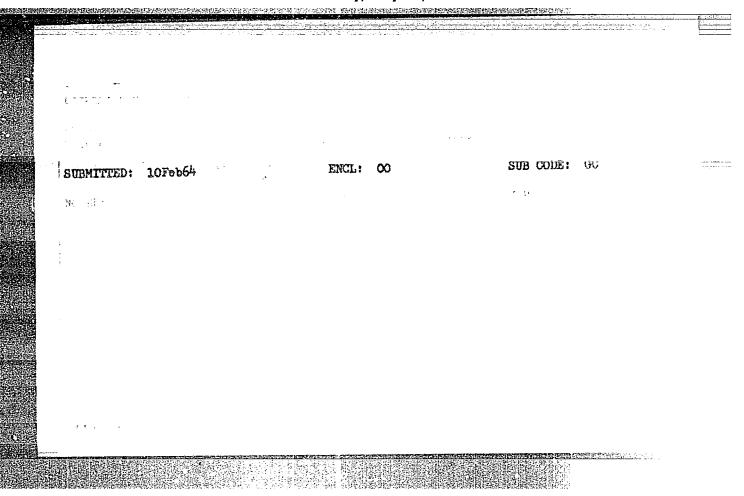
1. Redakteur, "Acta Chimica Academiae Scientiarum Hungaricae."

CSUROS, Zoltan, prof., dr. (Budapest, XI., Muegyetem rakpart 3); DEAK, Gyula, df. (Budapest, XI., Muegyetem rakpart 3); FENICHEL, Laszlo (Budapest, XI., Muegyetem rakpart 3); KALMAR\_TOROK, Anna (Budapest, XI., Muegyetem rakpart 3)

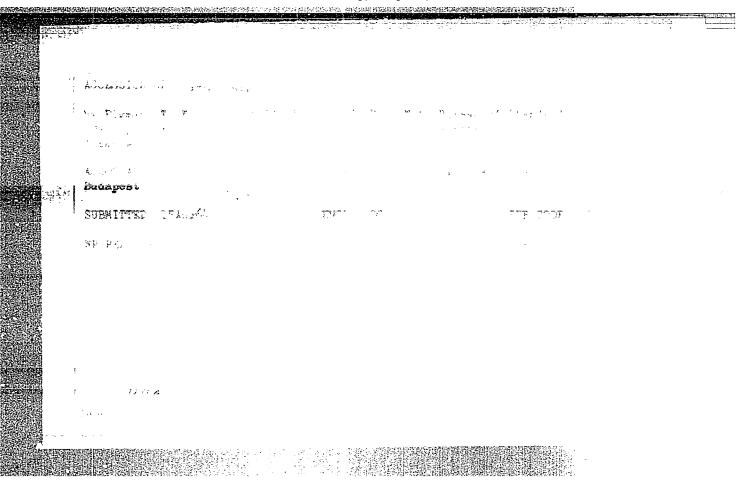
A new method for the determination of boron trifluoride in complex compounds and reaction mixtures. Periodica polytechn chem 8 no.1:1-7 164.

1. Lehrstuhl für Organisch-Chemische Technologie, Technische Universität, Budapest.

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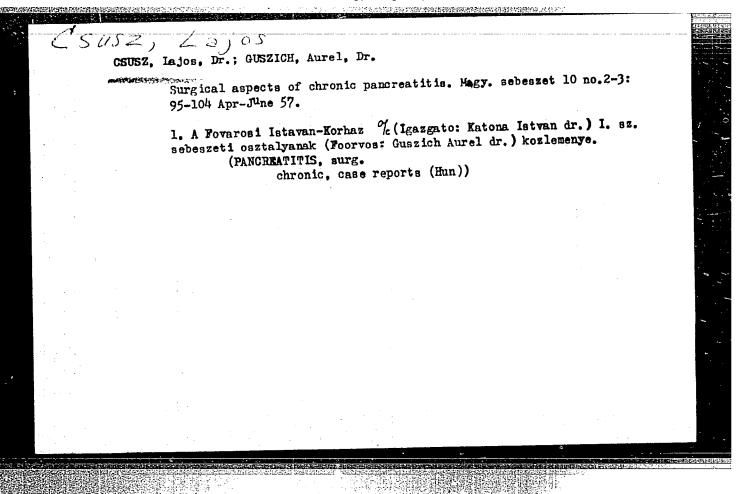
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1. Chair of Organic Chemical Technology of the Budapest Technical University. 2. Editorial board member, "Magyar Kemiai Folyoirat", Budapest (for Erdey).

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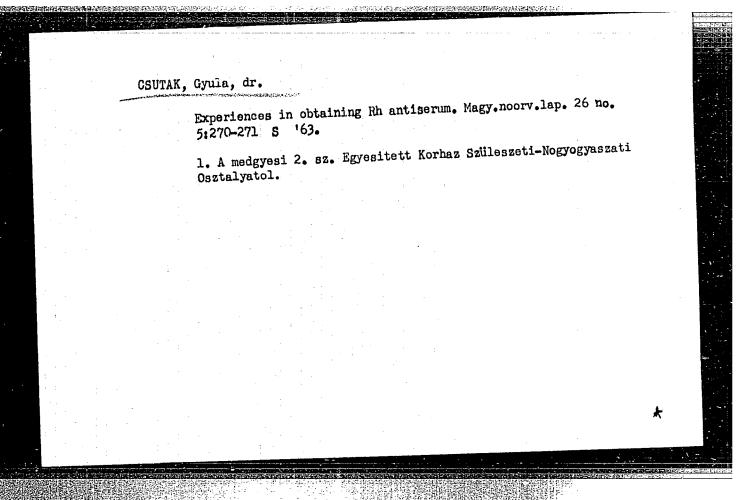


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Country Catogory=	: Rumania : Human and Animal Physiology, Circulation
	: Ref Zhur Biol, No. 2, 1959, No. 8084
Author Institut. Titlo	<ul> <li>Velluda, CC.; Ticsa, J.; Pop, S.; Csutak, W.</li> <li>Experimental Investigations of the Role of the Higher Nervous Centers in the Mechanism of the Peripheral Action of Adrenalin.</li> <li>Studii si cercetari med. Acad. RPR Fil. Cluj, 1956, 7, No. 1-4, 97108</li> </ul>
Abstract	Adrenalin in doses of 10 and 20 \( \gamma\) was injected into dogs after they had been given a single dose of caffeine, 0.5 gm in the acute experiments or 0.5-1 gm daily in the chronic experiments (18 days). Bloodpressure was seen to rise less than before the injection of caffeine. The same phenomenon was observed whether the caffeine and adrenalin were injected intravenously or into the vertebral artery after removal of the carotid sinuses.
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Some correlations between physical effort and the pharmacodynamic action of some substances. Fiziol. norm. pat. no.6: 549-558 164

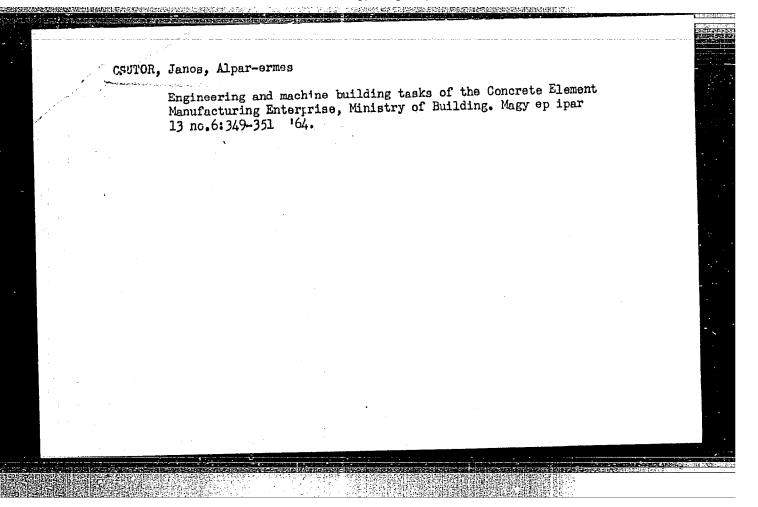
1. Institutul de Cercetari medicale al Academiei Republicii Populare Romine, Filiala Cluj (director: acad. A. Moga) si Catedra de farmacologie Institutul medico-farmaceutic (director: prof. C.C. Velluda).

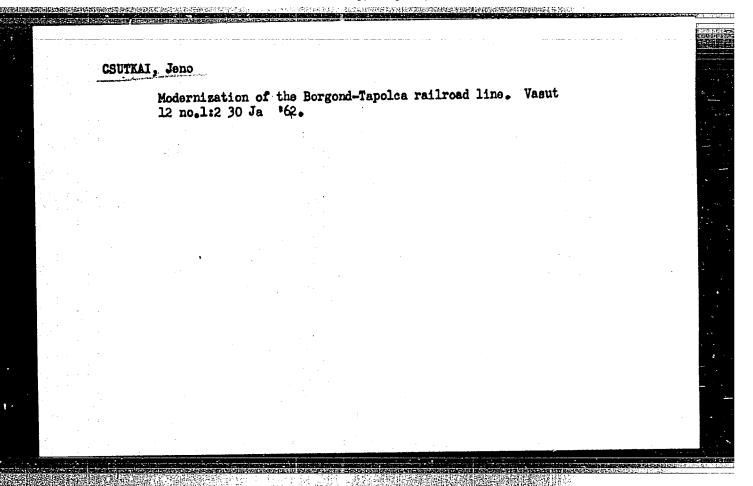
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HUNGARY / Chemical Technology. Chemical Products

and Their Application, Ceramics, Glass, Binding

Materials. Concrete.

Abs Jour: Ref Zhur-Khimiya, No 19, 1958, 65246

Author : Csutor Janos

Inst

Title : Some Specification Problems of Compressed Concrete

Orig Pub: Epitoanyag, 1957, 9, No 6, 325-330

Abstract: In reinforced-concrete products plants, the com-

pression of concrete takes place on vibrating tables. The vibrations performed by the table are ryhthmic. However, the form in which the

product is packed is not fastened to the vibrating

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HUNGARY / Chemical Technology. Chemical Products and Their Application. Ceramics. Glass. Binding Materials. Concretes.

Abs Jour: Ref Zhur-Khimiya, No 19, 1958, 65246

Abstract: table and therefore the effective vibration of the form (and, consequently, also of the concrete) is not rhythmic. A proof of this is the change in the form observed during the vibration of the table. The problem was investigated of how the loose attachment of the form to the table influences the decrease of cement output and the quality of the prepared product. Theoretical calculations show that in the case of an unattached form, the number of vibrations of the latter are 25% less than the number of vibrations of the table. Experiments conducted on vibration tables 800 x 800 mm in size showed that in 75% of the cases, attaching the form produces more stable concrete than do unattached forms.

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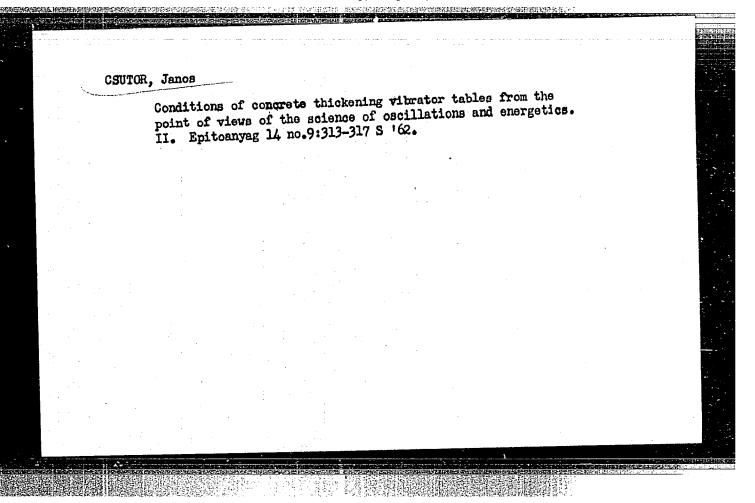
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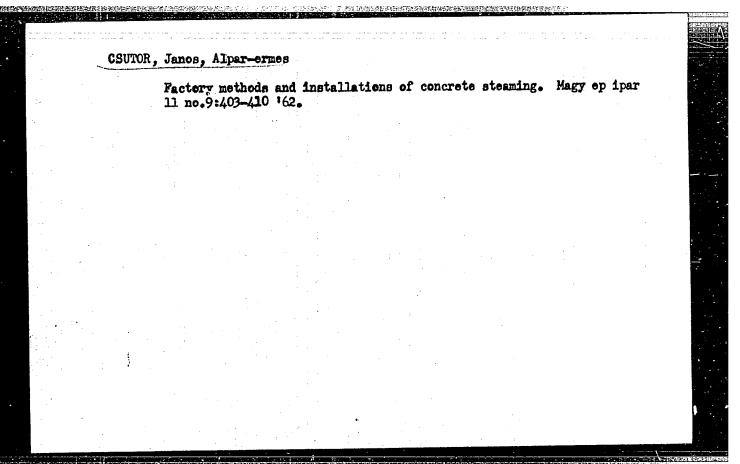
CSUTOR, Janos, inz.

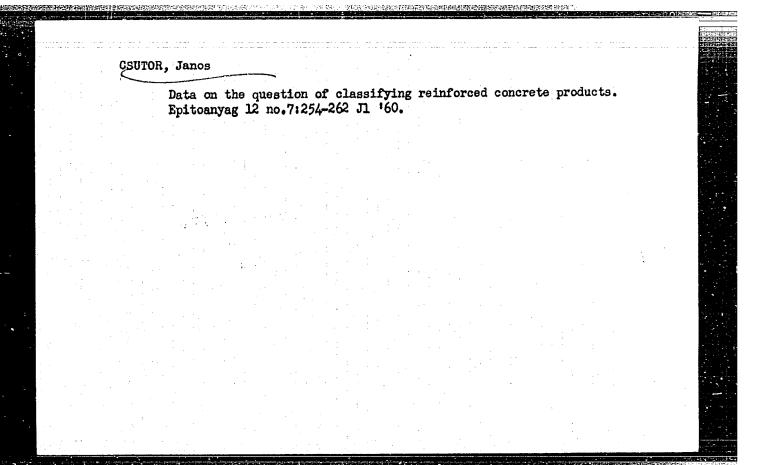
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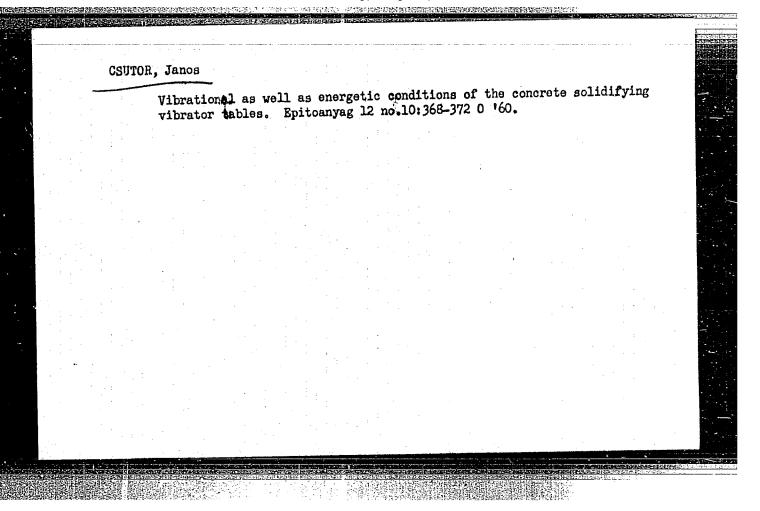
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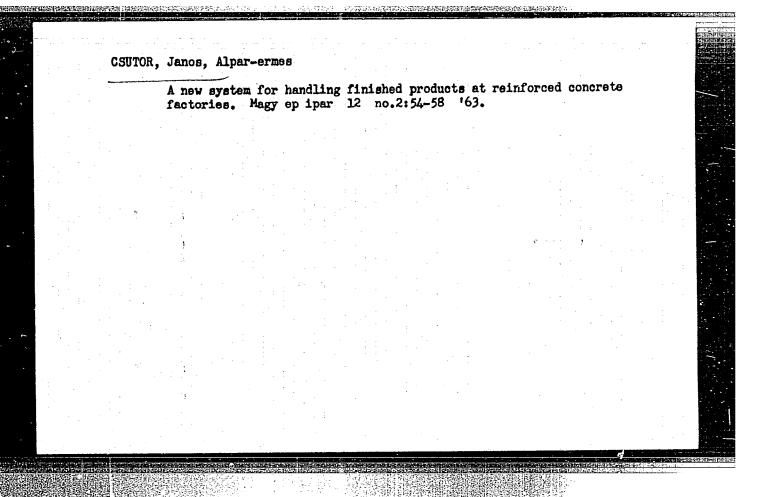
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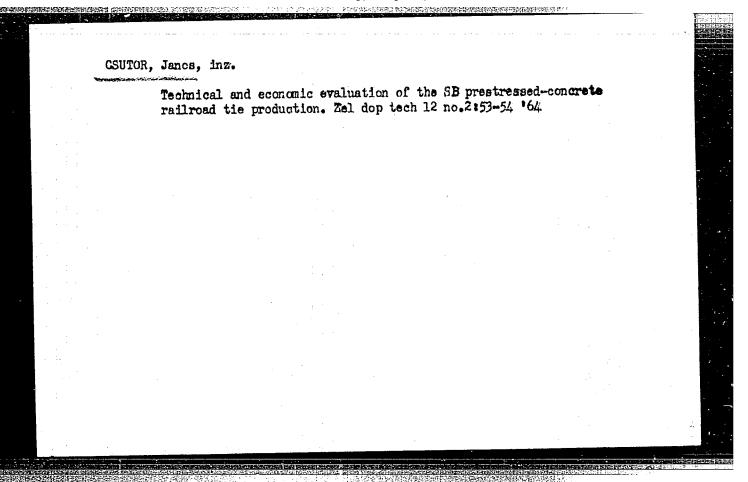


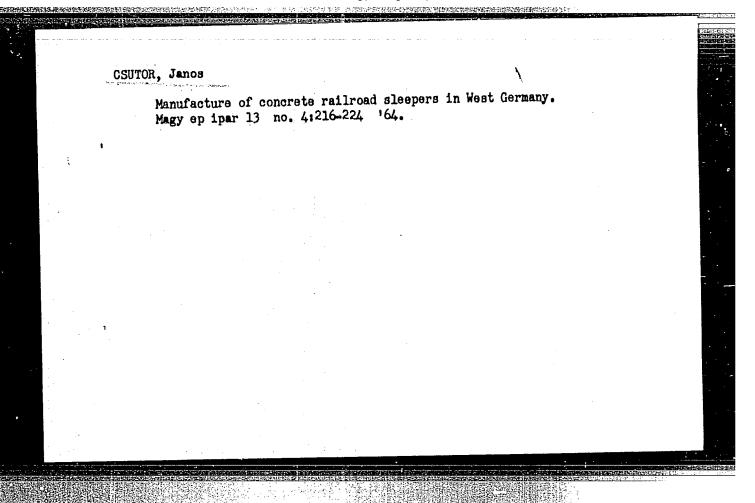


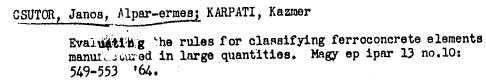


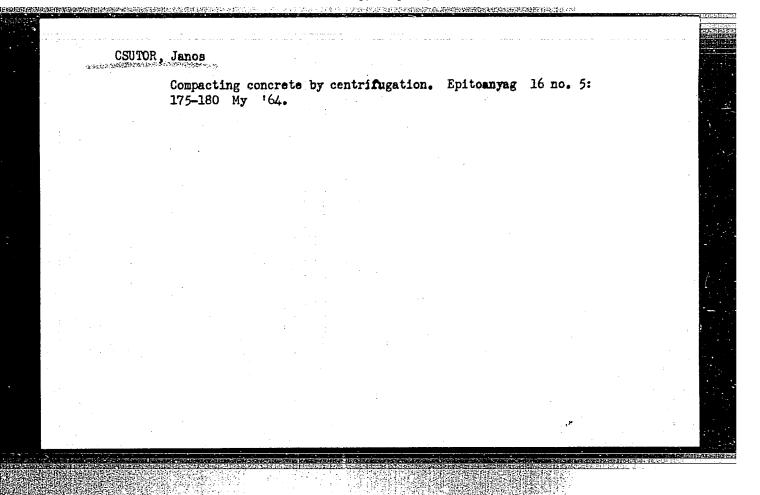


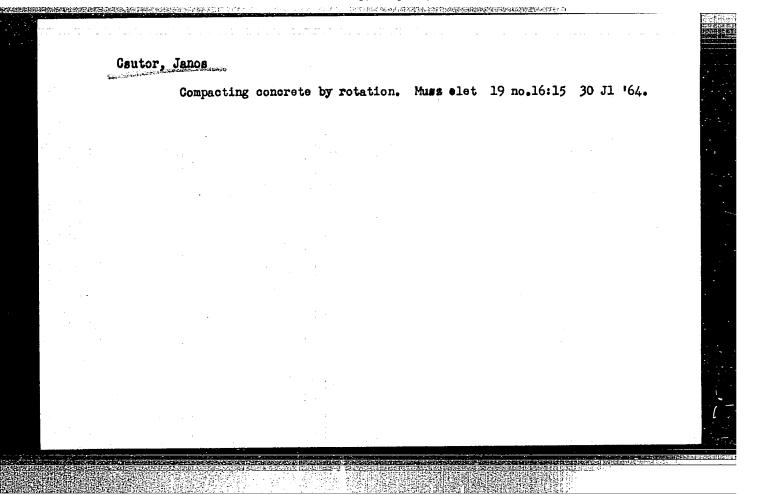












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1. General Secretary, Hungarian Food Workers' Union.

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1. Institute of Pathophysiology and Institute of Medical Physics, Medical University, Budapest.

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tyrosine antimetabolites on iodine uptake in rats)

(IODINE, metab.

thyroid, eff. of tyrosine antimetabolites on uptake in rats)

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00050942(

STRAUB, F. Bruno, akademikus, egyetemi tanar; CSUZI, Sandor, egyetemi tanarseged; VENETIANER, Pal, egyetemi tanarseged

The 5th International Congress on Biochemistry in Moscow. Magy tud 68 no.12:765-766 D '61.

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Budapest, Acts Microbiologica, Vol 9, No 3, 1962; pp 297-304.

Abstract [English article, authors! English summary modified]: When irradiated with ultraviolet light cultures of B. oerous 569 in yeast paptons madium undergo lysis which process is dependent on protein synthesis and sensitive to inhibition with chloramphenical. On lysis a lyttle factor is released, ineffective on the homologous strain, while active against strain 130 of B. cerous: it is of protein character. It can be inactivated by trypuin or heat treatment and precipitated by ammonium culfate. The effect of the lytic factor on B. cerous 130 is independent of protein synthesis. Lysis of B. cerous 569 induced by ultraviolet irradiation and lysis of B. cerous 130 induced by the lytic factor seem to be of different nature. [21 references, of which 2 Hungarian, rost Western].

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